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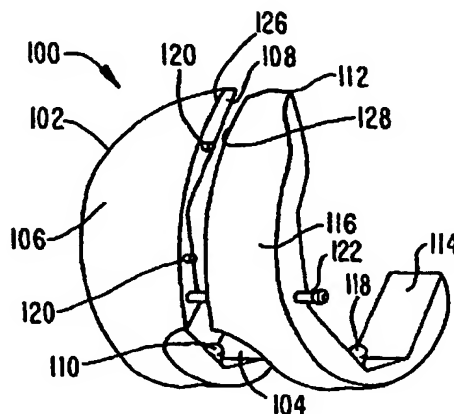
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- (71) Applicants and
(72) Inventors: **CLEMOW, Alastair, J., T.** [GB/US]; 695 Lawrenceville Road, Princeton, NJ 08540 (US); **MEARS, Dana, C.** [US/US]; 20 Wedgewood Lane, Pittsburgh, PA 15215 (US).
- (74) Agents: **SHAPIRO, Mitchell, W.** et al.; Miles & Stockbridge P.C., 1751 Pinnacle Drive, Suite 500, McLean, VA 22102-3833 (US).
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(54) Title: MODULAR FEMORAL COMPONENT FOR A TOTAL KNEE JOINT REPLACEMENT FOR MINIMALLY INVASIVE IMPLANTATION



(57) Abstract: A femoral component (100) for a total knee joint replacement has a modular structure including a number of segments (102, 112), each of the segments (102, 112) having a femoral fixation surface (104, 114) for attachment to the distal end of a femur and at least one assembly surface (108) for joining with an adjacent segment (102, 112) of the modular femoral component (100). The assembly surfaces (108) are generally planar and arranged to be oriented generally in a plane extending in a proximal-distal direction and in an anterior-posterior direction when the femoral fixation surface (104, 114) is positioned on the distal end of the femur. Although the assembly surfaces (108) are generally planar, they may be shaped or provided with complementary structures (120) to assure self-alignment when the segments (102, 112) are assembled.